

Amendments to the Abstract:

Please rewrite the Abstract as follows:

Abstract

A laminated sintered body is produced having provided, including a ceramic porous body 8 having a thickness of 300 μ m or larger and a ceramic dense body 9 having a thickness of 25 μ m or smaller. A green body 5 for the ceramic porous body and a green body 3 for the ceramic dense body ~~is-are~~ laminated to obtain a laminate, which is then subjected to pressure molding by cold isostatic pressing to obtain a pressure molded body 6. The pressure molded body 6 is sintered to obtain a ~~the~~ laminated sintered body. Alternatively, it is provided a laminated sintered body has a ~~ceramic~~ porous body having a thickness of 300 μ m or larger and a ~~ceramic~~ dense body having a thickness of 25 μ m or smaller. By reducing the leakage rate of helium gas of the laminated sintered body to 10^{-6} Pa \cdot m³/s or lower, the operational efficiency of the cell can be improved, and the deterioration of the cell can be prevented to improve an output after the cell is subjected to initiation and termination cycle test of operation.